

last decade from the Great Lakes westward and in the far Southwest.

Maximum temperatures reached 100° or slightly more at some time during the month in nearly all the States, the highest observed, 124°, occurring in California, with 118° in Arizona and 110° or higher in most of the other States from the Great Plains westward. Locally in Nebraska the maximum temperatures on the 25th were the highest ever observed in August.

The lowest temperatures were observed mainly toward the end of the month, though in Florida they occurred on the 4th and in the west Gulf States mostly on the 8th or 9th.

No freezing temperatures occurred over the important crop-growing districts, but readings below 20° were observed at a few high stations in Colorado and New Mexico, and most of the other mountain States had readings below freezing at elevated exposures.

PRECIPITATION

Over the more important agricultural districts the precipitation was mainly sufficient for crop needs, though portions of Kansas and near-by areas of other States suffered from drought during the first decade, and similar conditions existed in the far Northwest.

The month as a whole was dry over most of South Carolina, and in portions of eastern Georgia, northern Florida, southern Texas, and generally over the Southwest.

In the Ohio and middle Mississippi Valleys, Lower Lakes, and Middle Atlantic States precipitation occurred frequently, was generally well above the normal, and locally excessive; some stations reporting the monthly falls as the greatest ever measured in August. There were large excesses over southern Florida and along and near the Gulf coast from western Florida to Louisiana, the latter due mainly to the heavy rains attending the tropical storm near the end of the month.

The general absence of rains during the early part of the month favored the continuation of severe forest fires in the far Northwestern States, and these were largely unchecked until after the middle, when more or less important rains fell over wide areas.

RELATIVE HUMIDITY

Over practically all portions, from the Missouri and Mississippi Valleys eastward to the Atlantic coast, the relative humidity was mainly well above the normal, though the effect of drought in portions of the Southeast is well outlined by a corresponding area showing humidity below or only slightly above normal.

In the far West relative humidity was mainly above normal over northern districts, due largely to rather moist conditions existing in the latter part of the month. In the Southwest humidity was less than normal throughout the month, though the deficiencies were not large.

SEVERE LOCAL HAIL AND WIND STORMS, AUGUST, 1926

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A more complete statement will appear in the Annual Report of the Chief of Bureau.]

Place	Date	Time	Width of path	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
			Yards ¹					
Evansville, Ind. (12 miles southwest of).	3	P. m.		1		Electrical.	No property damage reported; one person injured.	Official, U. S. Weather Bureau.
Purdum, Nebr. (8 miles northwest of).	3	6-7 p. m.			\$2,500	Hail.	Heavy damage over 140 acre field; other fields slightly injured.	Do.
Alta, Wyo.	3					Electrical.	Nine cows and 57 sheep killed.	Do.
Nogales, Ariz. (7 miles north of).	4	P. m.			600	Thunderstorm and hail.	Slight crop damage and 57 goats killed.	Do.
Henry and adjacent counties, Ind.	4-6			3		Thunderstorms and winds.	Crops, buildings, and wires damaged.	Do.
Ludington, Mich. (10 miles east of).	5	4-5 a. m.				Thunderstorm.	One house burned and another damaged.	Do.
Saginaw, Detroit, and Flint, Mich.	5	A. m.				Electrical.	Much damage to wire systems and farm buildings; traffic impeded.	Times (Detroit, Mich.); Grand Rapids Press (Mich.).
Frankfort, Ind. (near).	5					Heavy hail.	Moderate crop damage reported.	Official, U. S. Weather Bureau.
Mahoning County, Ohio.	5					do.	Character of damage not reported.	Do.
Mayville, N. Dak.	5					Severe hail and wind.	Thirty thousand bushels of small grains destroyed; windows broken.	Do.
Chacon, N. Mex. (near).	6	2-4 p. m.				Severe hail.	Crops damaged.	Do.
Lenawee County, Mich.	6	5-6 p. m.			100,000	do.	Thousands of acres of crops destroyed; fruit trees injured; wires blown down; many chickens and ducks killed.	Do.
Erie County, N. Y., northward to Adirondack Mountains.	6					Thunderstorms, wind and rain.	Buildings, telephone and power lines damaged; crops injured; some hail reported at Oswego.	Do.
Fulton and Henry Counties, Ohio.	6					Destructive hail.	Character of damage not reported.	Do.
Petersburg, Ill.	6					Wind and hail.	Several buildings damaged.	Do.
Salem, Ill.	6	3 p. m.	440-1,760		17,000	Hail.	Fruit and other crops damaged over path 6 miles long.	Do.
Tippecanoe City, Ohio (2 miles south of).	6				5,000	Electrical.	Barn destroyed.	Do.
Ville Platte, La.	7	2 p. m.	440		2,750	Wind.	Timber, crops, and buildings damaged.	Do.
Pleasantview District, Oneida County, Idaho.	8					Hail.	Many acres of wheat destroyed.	Tribune (Pocatello, Idaho).
Cherry, Boyd, Holt, Knox, and Antelope Counties, Nebr.	9	5-7 p. m.	30 mi.		150,000	Wind, rain, and hail.	Many farm buildings wrecked; crops injured; trees uprooted. Path 120 miles long.	Official U. S. Weather Bureau.
Rawlins County, Kans. (northeast part of).	9	8 p. m.			2,500	Tornado.	Damage chiefly to barns and outbuildings.	Do.
Rawlins County, Kans.	9	8-10 p. m.				Hail.	Minor damage as most staple crops had matured. Path several miles wide.	Do.
Watson, Utah.	9				2,000	do.	Trees and shrubbery stripped; windows broken and roofs pierced.	Do.
Padroni, Colo. (near).	10	P. m.		1		Tornado.	Two houses demolished, other buildings, several autos, and farm machinery destroyed or badly damaged. Three persons injured.	Daily Sentinel (Grand Junction, Colo.).

¹ "Mi." signifies miles instead of yards.

Severe local hail and wind storms, August, 1926—Continued

Place	Date	Time	Width of path	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Salina, Kans. (near).....	10	P. m.	<i>Yards</i>			Dust whirls.....	Some damage to barns and small buildings. Whirls had many characteristics of a tornado. Path covered about 20 sections, crops damaged about 25 per cent.	Official, U. S. Weather Bureau.
Burns, Wyo.....	10				18,000	Hail and wind.....	Considerable damage over an area 1 mile square. Gardens injured; auto tops pierced.	Do.
Kewanee, Ill. (near).....	10		3,520			Hail.....	Considerable damage in low sections by flooding; several houses struck by lightning; 1,000 telephones out of order.	Do.
Meeker, Colo.....	10					Destructive hail.....	Two men injured; no property damage reported.	Do.
Atlanta, Ga.....	11	11 a. m.			20,000	Wind and hail.....	One barn and several chimneys blown over. Character of damage not reported.	Do.
Salem, S. C.....	11	P. m.		1		Thunderstorm.....	Fruit and standing grain injured.	Do.
Carlinville, Ill.....	11	8:20 p. m.				Wind and hail.....	Haystack and some wiring damaged. Path 4 miles long.	Do.
Columbiana County, Ohio.....	11					Destructive hail.....	Many fires started by lightning; traffic impeded; overhead wire systems damaged.	Do.
Manti, Wash.....	11					Hail.....	Heavy local crop loss.	Hartford Courant (Conn.).
Lusk, Wyo.....	12	1:15-1:45 p. m.				Tornado.....	Six barns and a church burned.	Official, U. S. Weather Bureau.
Hartford, Conn., and vicinity.....	12	P. m.		1		Violent electrical.....	Subways and rail lines paralyzed; many buildings struck by lightning; many persons injured; much property damage by flooding.	Grand Rapids Press (Mich.).
Hingham, Mont. (north of).....	12	do.				Hail.....	Barn burned, 1 horse and 7 hogs killed.	Official, U. S. Weather Bureau.
Ionia County, Mich.....	12				27,000	Electrical.....	A number of barns unroofed; trees uprooted.	Do.
Lower Hudson and New York Bay district.....	12			1	500,000-1,000,000	Thunderstorm, wind, and rain.....	Crops damaged. Path 3 miles.	Official, U. S. Weather Bureau; Herald Tribune (N. Y.).
Toulon, Ill. (near).....	12					Electrical.....	Buildings, crops, and orchards damaged.	Official, U. S. Weather Bureau.
Washington County, Md. (eastern part of).....	12	P. m.			5,000	Wind.....		Do.
Hulett, Wyo.....	13	1 a. m.	1,760		500	Tornado.....		Do.
Boone, Story, Polk, and Van Buren Counties, Iowa.....	13	P. m.				Hail.....		Do.
Castle Rock, Colo. (near).....	13					do.....	Crops damaged.	Do.
Haswell, Colo.....	13					do.....	Crops destroyed on several ranches.	Do.
Monmouth, Ill. (near).....	13		3,520			Heavy hail.....	Damage severe; fruit ruined.	Do.
New York City, N. Y., and vicinity.....	14	A. m.				Thunderstorm, wind, and rain.....	Many trees uprooted; traffic impeded; buildings damaged; roads inundated.	American (New York).
Shadyside, Ohio.....	14	1:50 p. m.			31,000	Probably tornado.....	Building and contents damaged; 8 persons injured.	Official, U. S. Weather Bureau.
Minneapolis, Minn.....	15	9:35 a. m.				Wind and rain.....	Wire systems damaged; much inconvenience resulted from traffic interruption.	Do.
Hollis, Okla.....	15	4 p. m.	1,760			Hail.....	Considerable crop damage in some sections. Path 8 miles.	Do.
Charles Mix County, S. Dak., Geddes to Milwaukee.....	15	P. m.			50,000	Wind.....	Much damage to business houses.	Tribune (Sioux City, Iowa).
Roy, N. Mex. (near).....	16	2:30 p. m.	3,500			Heavy hail.....	Considerable crop loss.	Official, U. S. Weather Bureau.
Fremont County, Iowa.....	16	8. m.				Hail.....	Crops damaged 25 per cent.	Do.
North shore Long Island, N. Y.....	16				200,000	Wind and waterspout.....	Six houses wrecked and many others damaged; many trees in Glen Cove and Sea Cliff uprooted.	Official, U. S. Weather Bureau; Herald (New York).
Ridgefield and Morsemere into Palisade, N. J.....	16	6:45 p. m.	33		50,000	Tornado.....	Some structures totally destroyed, others damaged; many trees uprooted.	Official, U. S. Weather Bureau.
Sparta, Ill.....	16				1,000	Electrical.....	School building struck; several persons shocked.	Do.
Wilson, Ark. (near) into Miss.....	17	6:15 p. m.	100	2	15,000	Tornado.....	Considerable property damage; 11 persons injured.	Do.
LeMars (south of) to Marcus, Iowa.....	17	8 p. m.	890			do.....	A few buildings wrecked; crops damaged 50 per cent.	Evening Tribune (Des Moines, Iowa).
Wellington, Kans.....	18	12:40 p. m.			1,500	Hail.....	Gardens and truck damaged.	Official, U. S. Weather Bureau.
Gillette, Wyo. (13 miles north of).....	18	6 p. m.	50		200	Tornado.....	Minor damage. Path 10 miles.	Do.
Carroll and Mitchell Counties, Iowa.....	18	P. m.				Hail.....	Much destruction in places.	Do.
O'Neill, Nebr.....	19	2 p. m.	1,760			do.....	Damage severe in places.	Do.
Wray, Colo.....	19	4 p. m.	3 mi.		20,000	Hail and wind.....	Character of damage not reported.	Do.
Methow, Wash. (near).....	19				7,000	Hail.....	Fruit injured.	Do.
Woneewoc, Wis. (3 miles south of).....	20	Noon	167		1,000	Tornado.....	Small buildings damaged; crops flattened; 1 person injured. Path one-half mile long.	Capital Times (Madison, Wis.).
Charlotte, N. C.....	20					Thunderstorm, wind and hail.....	Considerable minor damage.	Official, U. S. Weather Bureau.
Wayne County, Iowa.....	20	7 p. m.	1,760			Hail.....	Considerable damage over path 12 miles long.	Do.
Mitchell County, Iowa.....	20	7:30 p. m.	3 mi.		50,000	do.....	Damage principally to crops. Path 3 miles.	Do.
Keokuk County, Iowa.....	20	9 p. m.	3 mi.		8,000	do.....	Crops and fruits injured; windows broken.	Do.
Hobart, Okla., and vicinity.....	21	5 p. m.	1,760		2,000	do.....	Some crop and other property damage reported. Path 4 miles.	Do.
East Lake Erie and vicinity.....	21			3		Gale.....	One steamer sunk; crop and property damage heavy in Erie and Dunkirk sections.	Do.
Buchanan County, Iowa.....	23	2 a. m.			1,100	Hail and wind.....	Crops injured.	Do.
Grand Haven, Mich.....	23					Wind and rain.....	Trees uprooted; tents blown over; plate-glass window broken and some telephones out of order.	Do.
Marango, Ill. (near).....	23					Electrical.....	Church destroyed.	Do.
Waterloo, Ill. (1 mile north of).....	23					Wind.....	Poles of interurban line prostrated; traffic delayed.	Do.
Louisiana (eastern coast), Mississippi (southern part of).....	25-26			25	6,000,000	Hurricane.....	Many buildings and contents damaged; heavy crop loss; telephone and telegraph companies sustain heavy losses; shipping delayed.	Do.
Washington (eastern part of).....	25-26					Wind.....	Grain shattered; fruit blown off.	Do.
Big Fork, Mont. (near).....	26	P. m.				High wind.....	Rural telephone lines down; roads obstructed.	Do.
Longs Peak, Colo.....	29					Destructive hail.....	Character of damage not reported.	Do.
Wapello County, Iowa.....	29		1,760		600	Wind and hail.....	Some property damage reported.	Do.
Bitter Root Valley, Mont. (eastern part of).....	30					Hail.....	Some orchards severely damaged.	Do.
Lake Wales, Fla.....	31					Electrical.....	Packinghouse damaged by lightning.	Do.